

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO: 7,502,070 B2  
APPLICATION NO.: 10/626,271  
DATED: March 10, 2009  
INVENTOR(S): Takao Yamaguchi, et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page

At item (75) Inventors: "Minoru Etoh, Katano" should read -- Minoru Etoh, Osaka --,

Column 49

At claim 19, line 8, "including including" should read -- including --.

Mailing Address of Sender:

RatnerPrestia  
P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Number: 7,502,070 B2  
Issued: March 10, 2009  
Name of Patentee: Takao Yamaguchi, et al.  
Title of Invention: METHOD AND APPARATUS FOR PROCESSING A DATA  
SERIES INCLUDING PROCESSING PRIORITY DATA

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR APPLICANT'S MISTAKE (37 C.F.R. § 1.323) AND  
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Certificate of Correction Branch

1. It is noted that an error appears in this patent of a

☐ clerical  
☒ typographical  
☐ minor

nature or character, as more fully described below. It occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A certificate of correction is requested.

2. Attached is Form PTO-1050.

3. The exact column and line number where the error occurs in the application file are:

At item (75) Inventors: "Minoru Etoh, Katano" should read -- Minoru Etoh, Osaka --, as indicated in the Declaration and Power of Attorney filed on July 24, 2003.

At Column 49, claim 19, line 8, "including including" should read -- including --.

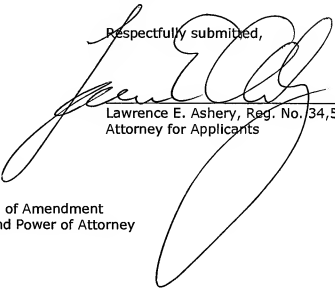
4. Please send the Certificate to:

Name: Lawrence E. Ashery  
P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

5. Please pay the \$100.00 fee required by 37 C.F.R. § 1.20(a) as follows:

- ☐ Attached is a check in the amount of \$100.00  
☒ Authorization is hereby made to charge the amount of \$100.00 using the provided credit card information  
☒ Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 18-0350.

Respectfully submitted,



Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/dmw

Enclosures: Form PTO-1050  
Copy/Pages 7 and 8 of Amendment  
Copy/Declaration and Power of Attorney

Dated: June 1, 2009

P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

431017

# Declaration and Power of Attorney For Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **AUDIO-VIDEO TRANSMITTER AND AUDIO-VIDEO RECEIVER, DATA-PROCESSING APPARATUS AND METHOD, WAVEFORM-DATA-TRANSMITTING METHOD AND APPARATUS AND WAVEFORM-DATA-RECEIVING METHOD AND APPARATUS, AND VIDEO-TRANSMITTING METHOD AND APPARATUS AND VIDEO-RECEIVING METHOD AND APPARATUS**

the specification of which is attached hereto unless the following box is checked:

☒ was filed on 13 March 1998 (13.03.98) as  
United States Application Number or PCT International Application Number PCT/JP98/01084  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Pat. Appln. Hei9-062,667 JAPAN

(Number) (Country)

Pat. Appln. Hei9-090,640 JAPAN

(Number) (Country)

Pat. Appln. Hei9-179,342 JAPAN

(Number) (Country)

Pat. Appln. Hei9-226,027 JAPAN

(Number) (Country)

Pat. Appln. Hei9-226,045 JAPAN

(Number) (Country)

Pat. Appln. Hei9-332,101 JAPAN

(Number) (Country)

17 March, 1997

(Day/Month/Year Filed)

9 April, 1997

(Day/Month/Year Filed)

4 July, 1997

(Day/Month/Year Filed)

22 August, 1997

(Day/Month/Year Filed)

22 August, 1997

(Day/Month/Year Filed)

2 December, 1997

(Day/Month/Year Filed)

Priority Not Claimed

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application Number) (Filing Date)

(Application Number) (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

COPY

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Paul F. Prestia	Reg.No. 23,031	Lawrence E. Ashery	Reg.No. 34,515	Mark J. Marcelli	Reg.No. 36,593
Allan Ratner	Reg.No. 19,717	Robert L. Anderson	Reg.No. 25,771	Christopher J. Dervishian	Reg.No. 42,480
Andrew L. Ney	Reg.No. 20,300	Christopher R. Lewis	Reg.No. 36,201		
Kenneth N. Nigon	Reg.No. 31,549	Louis W. Beardell, Jr.	Reg.No. 40,506		
Kevin R. Casey	Reg.No. 32,117	Rocco L. Adornato	Reg.No. 40,480		
Benjamin E. Leace	Reg.No. 33,412	Jacques L. Elkowicz	Reg.No. 41,738		
James C. Simmons	Reg.No. 24,842	Eric A. Dichter	Reg.No. 41,708		

Address all correspondence to: \_\_\_\_\_

Ratner & Prestia, Suite 301, One Westlakes, Berwyn, P.O. Box 980, Valley Forge, PA 19482-0980

Address all telephone calls to: \_\_\_\_\_ at (610) 407-0700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Takao YAMAGUCHI

Inventor's signature \_\_\_\_\_

山口 孝雄Date November 11, 1998Residence Soraku-gun, Kyoto JAPANCitizenship JAPANPost Office Address #202, Kote-du-rekoru, 4-7-10, Sakuragaoka, Seika-cho, Soraku-gun,  
Kyoto 619-0232 JAPANFull name of second joint inventor, if any (given name, family name) Minoru ETOH

Second Inventor's signature \_\_\_\_\_

Minoru EtohDate November 11, 1998Residence Katano-shi, Osaka JAPANCitizenship JAPANPost Office Address 55-1, Amagohara 2-chome, Katano-shi, Osaka 576-0034 JAPAN

Additional inventors are being named on separately numbered sheets attached hereto.

Full name of third joint inventor, if any (given name, family name) Hiroshi ARAKAWA

Third inventor's signature [Signature] Date November 11, 1998

Residence Kyoto-shi, Kyoto JAPAN

Citizenship JAPAN

Post Office Address 6-1-1404, Yotsudaniike 14banchi-8, Mukoujima, Fushimi-ku,  
Kyoto 612-8136 JAPAN

COPY

Full name of fourth joint inventor, if any (given name, family name) \_\_\_\_\_

Fourth inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fifth joint inventor, if any (given name, family name) \_\_\_\_\_

Fifth inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of sixth joint inventor, if any (given name, family name) \_\_\_\_\_

Sixth inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of seventh joint inventor, if any (given name, family name) \_\_\_\_\_

Seventh inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

✓ 117. (Currently Amended) A method of transmitting comprising:

transmitting transmission format information to a receiving apparatus;

wherein said transmission format information includes an identifier, set-up information and processing term information related to said identifier, said identifier identifying content to be activated by the receiving apparatus, said processing term information indicating a term for processing said content in the receiving apparatus at a future point of time and said set-up information including an estimated time required for the receiving apparatus to set-up prior to processing said content at the future point of time,

wherein the transmission format information including the processing term information indicating a same term for processing said content at the future point of time is repeatedly transmitted to the receiving apparatus; and

wherein said content is transmitted to the receiving apparatus before the term for processing said content.

✓ 118. (Currently Amended) A method of receiving comprising:

receiving transmission format information, said transmission format information including an identifier, set-up information and starting time information related to said identifier, said identifier identifying content to be activated by a receiving apparatus, said starting time information indicating a starting time for activating said content in the receiving apparatus at a future point of time and said set-up information including an estimated time required for the receiving apparatus to set-up prior to activating said content at the future point of time, and

activating said content based on said identifier and based on a comparative result of a current time and said starting time,

wherein said content is transmitted to the receiving apparatus before the starting time for activating said content.

Patent  
Claim 19 ✓ 119. (Currently Amended) A method of receiving comprising:

receiving transmission format information, said transmission format information including

COPY

→ including an identifier, set-up information and processing term information related to said identifier, said identifier identifying content to be activated by a receiving apparatus, said processing term information indicating a term for processing said content in the receiving apparatus at a future point of time and said set-up information including an estimated time required for the receiving apparatus to set-up prior to processing said content at the future point of time, and

activating said content based on said identifier and based on a comparative result of a current time and said term for processing said content,

wherein said content is transmitted to the receiving apparatus before the term for processing said content.

20 ✓ 120. (Currently Amended) A method of communicating comprising:

transmitting transmission format information, said transmission format information includes an identifier, set-up information and starting time information related to said identifier, said identifier identifying content, ~~and said~~ said starting time information indicating a starting time for activating said content at a future point of time and said set-up information including an estimated time required for a receiving apparatus which receives the transmission format information to set-up prior to activating said content at the future point of time;

wherein the transmission format information including the starting time information indicating a same starting time for activating said content at the future point of time is repeatedly transmitted; and

receiving the repeatedly transmitted transmission format information; and

activating said content based on said identifier and based on a comparative result of a current time and said starting time,

wherein said content is transmitted before the starting time for activating said content.

21 ✓ 121. (Currently Amended) A method of communicating comprising:

transmitting transmission format information, said transmission format information includes an identifier, set-up information and processing term information related to said